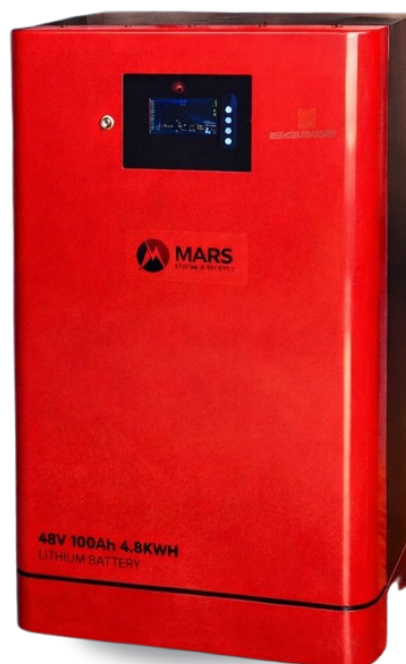


MARS HOME VOLT-4.8 SERIES

48V-100Ah



VOLTAGE	:	48V
CAPACITY	:	100Ah
ENERGY	:	4.8kWh
INTERNAL RESISTANCE	:	≤30m
CYCLE LIFE	:	≥3000 CYCLES@1C 80% DOD

COMMUNICATION

COMMUNICATION	:	RS485/CAN (ONLY FOR PARALLEL OPERATION)
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GENERAL SPECIFICATION

MONTHLY SELF DISCHARGE	:	<3
EFFICIENCY OF CHARGE	:	100% @ 0.2C
EFFICIENCY OF DISCHARGE	:	96-99% @ 1C
CHARGE CUT-OFF VOLTAGE	:	0.2C CHARGE TO 54.7V. THEN 54.7V CHARGE TO 0.02C CUT-OFF
CHARGE CURRENT	:	20A
MAX CHARGE CURRENT	:	50A
DISCHARGE CUT-OFF VOLTAGE	:	37.5V
CONTINUOUS DISCHARGE CURRENT	:	100A
OPERATING TEMPERATURE	:	0 °C TO 55 °C (32F TO 131F) @60±25% RELATIVE HUMIDITY
RELATIVE HUMIDITY	:	5%~95%
CELL & METHOD	:	LITHIUM-IRON PHOSPHATE (LiFePO4)
PLASTIC CASE	:	IRON
DIMENSIONS	:	650*405*212mm
WEIGHT	:	46KG